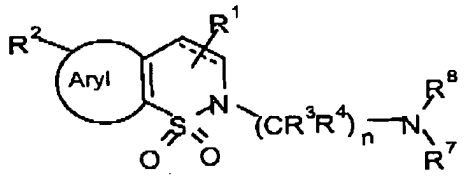
Via Telefax No. 703/872-9306

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings of claims in the application:

1. (Previously Amended) A compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl; with the proviso that if Aryl is thiophene, then $R^2 \neq H$ or halo, and $R^1 \neq$ OH

R^3, R^4 are indepenently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3,

Via Telefax No. 703/872-9306

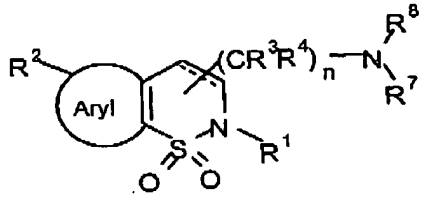
OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

2. (Currently Amended) A compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, or CF_3; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2$ NR^5R^6; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, $S(=O)_2$ NR^5R^6, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally

Via Telefax No. 703/872-9306

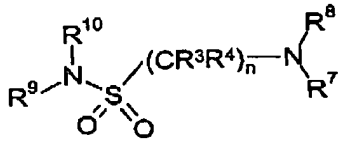
selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

3. (Withdrawn) A compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

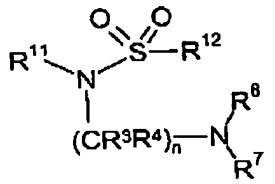
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

4. (Withdrawn) A Compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

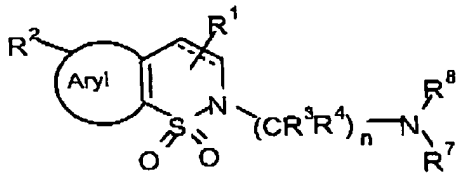
R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

Via Telefax No. 703/872-9306

5. (Currently Amended) A method for lowering IOP which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}alkyl^6$, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3, R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

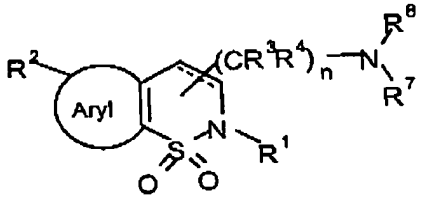
n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

Via Telefax No. 703/872-9306

6. (Currently Amended) A method for lowering IOP which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, or $S(=O)_2 NR^5R^6$; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2 NR^5R^6$; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-}

Via Telefax No. 703/872-9306

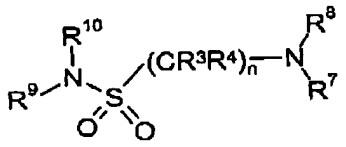
$_{3}$alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

7. (Withdrawn) A method for lowering IOP which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

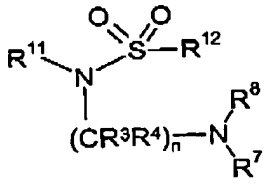
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

8. (Withdrawn) A method for lowering IOP which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

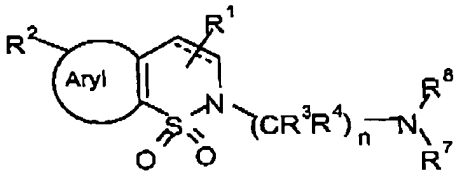
R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

9. (Currently Amended) A method for improving blood flow to the optic nerve head and the retina which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3, R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

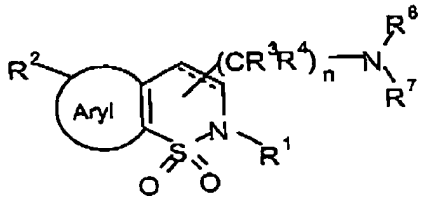
n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

Via Telefax No. 703/872-9306

10. (Currently Amended) A method for improving blood flow to the optic nerve head and the retina which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, or $S(=O)_2 NR^5R^6$; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2 NR^5R^6$; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-}

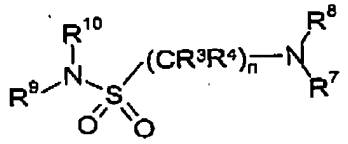
$_{3}$alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

11. (Withdrawn) A method for improving blood flow to the optic nerve head and the retina which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

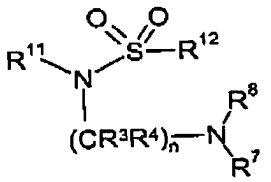
R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as

indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

12. (Withdrawn) A method for improving blood flow to the optic nerve head and the retina which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

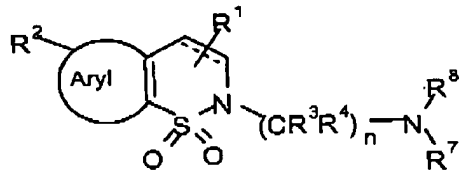
R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

Via Telefax No. 703/872-9306

13. (Currently Amended) A method for treating retinal diseases selected from the group consisting of glaucoma, age related macular degeneration (ARMD), optic neuritis, ischemic disorders, diabetic retinopathy, and retinal edema which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3, R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3,

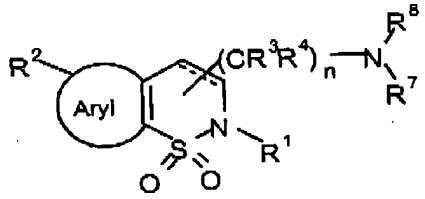
OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

14. (Currently Amended) A method for treating retinal diseases selected from the group consisting of glaucoma, age related macular degeneration (ARMD), optic neuritis, ischemic disorders, diabetic retinopathy, and retinal edema which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group ~~cconsisting~~ consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, or $S(=O)_2NR^5R^6$; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2NR^5R^6$; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted

optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

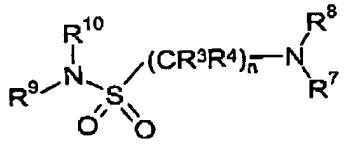
R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof.

15. (Withdrawn) A method for treating retinal diseases which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl,

or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

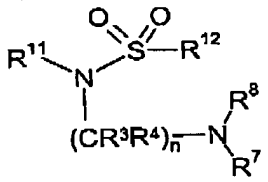
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

16. (Withdrawn) A method for treating retinal diseases which comprises administering to a person in need thereof, a composition comprising an effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-}

$_3$alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

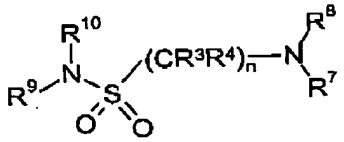
n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

17. (Cancelled)

18. (Cancelled)

19. (Withdrawn) A composition for lowering IOP comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

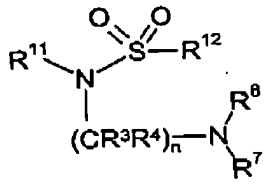
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

20. (Withdrawn) A composition for lowering IOP comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

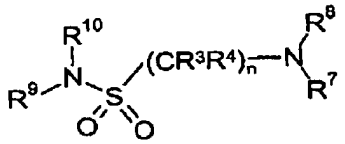
n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

21. (Cancelled)

22. (Cancelled)

23. (Withdrawn) A composition for improving blood flow to the optic nerve head and the retina comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

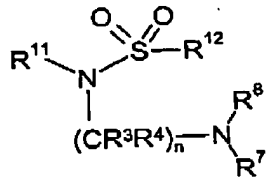
R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

Via Telefax No. 703/872-9306

24. (Withdrawn) A composition for improving blood flow to the optic nerve head and the retina comprising a pharmaceutically effective amount of a Compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

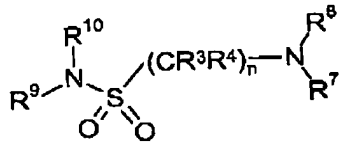
and any pharmaceutically acceptable salts and solvates.

25. (Cancelled)

Via Telefax No. 703/872-9306

26. (Cancelled)

27. (Withdrawn) A composition for treating retinal diseases comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

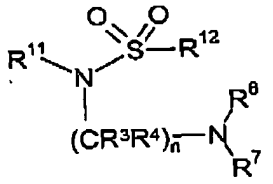
R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

28. (Withdrawn) A composition for treating retinal diseases comprising a pharmaceutically effective amount of a compound of the formula:

Via Telefax No. 703/872-9306



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

29. (Withdrawn) A method for improving blood flow to the optic nerve head or the retina which comprises administering to a person in need thereof, a composition comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

Via Telefax No. 703/872-9306

30. (Withdrawn) A composition for improving blood flow to the optic nerve head or the retina comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

31. (Withdrawn) A method for providing neuroprotection to the optic nerve head or the retina which comprises administering to a person in need thereof, a composition comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

32. (Withdrawn) A composition for providing neuroprotection to the optic nerve head or the retina comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

33. (Withdrawn) A method for treating retinal diseases which comprises administering to a person in need thereof, a composition comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

34. (Cancelled)

35. (Withdrawn) A composition for treating retinal diseases comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

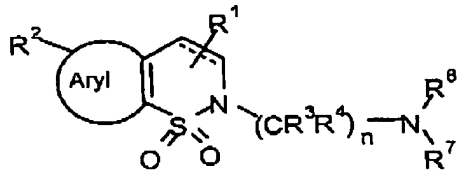
36. (Withdrawn) The composition of Claim 35 wherein the retinal diseases are selected from the group consisting of glaucoma, age related macular degeneration, optic neuritis, ischemic disorders, diabetic retinopathy, and retinal edema.

37. (Withdrawn) A method for lowering IOP which comprises administering to a person in need thereof, a composition comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

38. (Withdrawn) A composition for lowering IOP comprising a pharmaceutically effective amount of a compound with $5HT_7$ receptor affinity.

Via Telefax No. 703/872-9306

39. (Currently Amended) A method for treating persons suffering from a sleeping disorder, depression, schizophrenia, anxiety, circadian rhythm disorders, and centrally and peripherally mediated hypertension, which comprises, administering a composition comprising a pharmaceutically effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond

Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}$alkyl, $S(=O)_2NR^5R^6$, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3, R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

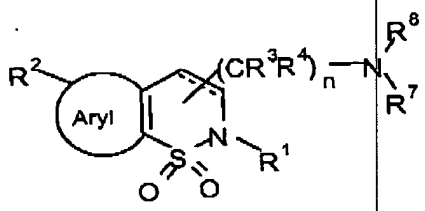
R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2
or a pharmaceutically acceptable salt or solvate thereof.

40. (Currently Amended) A method for treating persons suffering from a sleeping disorder, depression, schizophrenia, anxiety, obsessive compulsive disorder, circadian rhythem disorders, and centrally and peripherally mediated hypertension which comprises, administering a composition comprising a pharmaceutically effective amount of a compound of the formula:



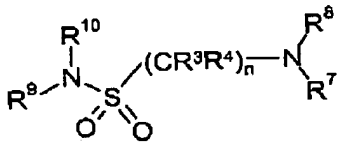
Whercin the dashed bond represents a single or double bond;
Aryl signifies a fused phenyl or monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;
R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, or $S(=O)_2\ NR^5R^6$; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2\ NR^5R^6$; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;
R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, $S(=O)_2\ NR^5R^6$, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;
R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;
R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine and which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-}

$_3$alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidcin, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;
m is 0, 1 or 2
or a pharmaceutically acceptable salt or solvate thereof.

41. (Withdrawn) A method for treating persons suffering from a sleeping disorder, depression, schizophrenia, anxiety, obsessive compulsive disorders, circadian rhythm disorders, and centrally and peripherally mediated hypertension which comprises, administering a composition comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which

can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

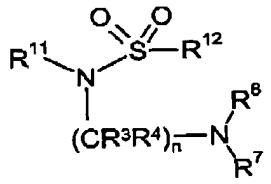
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates.

42. (Withdrawn) A method for treating persons suffering from a sleeping disorder, depression, schizophrenia, anxiety, obsessive compulsive disorder, circadian rhythm disorders, and centrally and peripherally mediated hypertension which comprises, administering a composition comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl,

Via Telefax No. 703/872-9306

or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

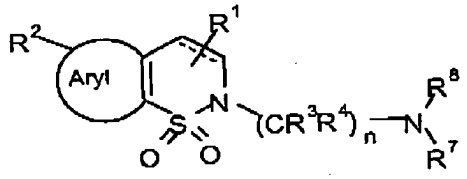
R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaccutically acceptable salts and solvates.

43. (Previously Amended) A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, OH, OC_{1-3}alkyl, C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $CONR^5R^6$, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl; with the proviso that if Aryl is thiophene, then $R^2 \neq H$ or halo, and $R^1 \neq OH$

R^3, R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

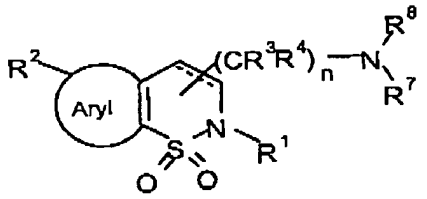
R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof in a pharmaceutically acceptable carrier.

44. (Previously Amended) A pharmaceutical composition comprising a pharmaceutically effective amount of a compound of the formula:



Wherein the dashed bond represents a single or double bond;

Aryl signifies a monocyclic heteroaromatic ring selected from the group consisting of thiophene, furan, pyrrole, pyridine, pryimidine, pyridazine, and pyrazine;

R^1 is H, C_{1-5}alkyl, C_{3-5}alkenyl, an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, or CF_3; or C_{2-5}alkyl substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl or an aromatic ring selected from the group consisting of phenyl, thienyl, pyridyl, and imidazoyl, which is either unsubstituted or substituted optionally with OH, OC_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, halogen, CF_3, $S(=O)_2$ NR^5R^6; or C_{3-5}alkenyl substituted optionally with OH, OC_{1-3}alkyl, or $S(=O)_mC_{1-3}$alkyl;

R^2 is H, halogen, C_{1-3}alkyl, $S(=O)_mC_{1-3}$alkyl, or C_{1-3}alkyl substituted optionally with OH, or OC_{1-3}alkyl;

R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or

OC_{1-3}alkyl;

R^5, R^6 are independently H, C_{1-3}alkyl, or C_{2-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, where R^5 and R^6 optionally can be joined together to form a pyrrolidine or piperidine ring which can be either unsubstituted or substituted optionally with C_{1-3}alkyl, C_{2-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

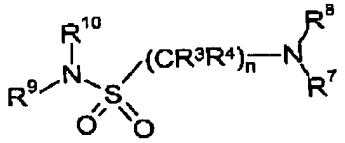
R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring selected from the group consisting of pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

n is 2 to 4;

m is 0, 1 or 2

or a pharmaceutically acceptable salt or solvate thereof in a pharmaceutically acceptable carrier.

45. (Withdrawn) A composition comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from

C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl;

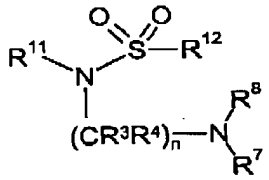
R^9 is phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{10} is C_{1-4}alkyl, or R^{10} can be joined to R^9 to form a fused bicyclic ring system such as indoline;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates in a pharmaceutically acceptable carrier.

46. (Withdrawn) A composition comprising a pharmaceutically effective amount of a compound of the formula:



R^3 & R^4 are independently H, C_{1-3}alkyl, or C_{1-3}alkyl substituted optionally with OH or OC_{1-3}alkyl;

R^7, R^8 are together with the nitrogen atom to which they are attached incorporated into a heterocyclic ring of 5 to 8 atoms which may include a second heteroatom selected from N, O, S, such as pyrrolidine, piperidine, Δ^3-piperidein, piperazine, morpholine or thiomorpholine which can be unsubstituted or substituted on carbon with one or more substituents optionally selected from C_{1-3}alkyl, C_{1-3}alkyl substituted optionally with OH, OC_{1-3}alkyl, phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-3}alkyl, or substituted on nitrogen with C_{1-4}alkoxy or phenyl which can be unsubstituted or substituted optionally with halogen, CF_3, OC_{1-3}alkyl, or C_{1-}

$_3$alkyl;

R^{11} is C_{1-3}alkyl, phenyl or a monocyclic heteroaromatic ring which can be unsubstituted or substituted with C_{1-4} alkyl, halogen, OC_{1-4}alkyl;

R^{12} is C_{1-4}alkyl or a fused bicyclic heteroaromatic ring such as thieno[3,2-*e*]-1,2-thiazine, or 1,2-benzothiazine, or R^{12} can be joined to R^{11} to form a fused bicyclic ring system such as 2,3-dihydro-benzo[*c*]isoxazole;

n is 2 to 4

and any pharmaceutically acceptable salts and solvates in a pharmaceutically acceptable carrier.

47. (Original) The Compound of Claim 1 selected from the group consisting of:
6-Chloro-2-[4-[4-(2*H*-benzimidazo-2-oxo-1-yl)piperidin-1-yl]butyl]-2*H*-thieno[3,2-*e*]-1,2-thiazine 1,1-dioxide;
6-Chloro-2-[4-(4-phenylpiperazin-1-yl)butyl]-2*H*-thieno[3,2-*e*]-1,2-thiazine 1,1-dioxide;
6-Chloro-2-[4-[4-(2-fluorophenyl)piperazin-1-yl]butyl]-2*H*-thieno[3,2-*e*]-1,2-thiazine 1,1-dioxide;
6-Chloro-2-[3-[4-(3-trifluoromethylphenyl)piperazin-1-yl]propyl]-2*H*-thieno[3,2-*e*]-1,2-thiazine 1,1-dioxide;
6-Chloro-2-[3-[4-(2*H*-benzimidazol-2-oxo)piperidin-1-yl]propyl]-2*H*-thieno[3,2-*e*]-1,2-thiazine 1,1-dioxide.

48. (Withdrawn) The Compound of Claim 3 selected from the group consisting of:
3-[4-(3-Chlorophenyl)piperazin-1-yl]propylsulfonyl-2,3-dihydro-1*H*-indole;
3-(1,2,3,4-Tetrahydroisoquinolin-2-yl)propylsulfonyl-2,3-dihydro-1*H*-indole;
3-[4-(3-Trifluoromethylphenyl)piperazin-1-yl]propylsulfonyl-2,3-dihydro-1*H*-indole;
3-[4-(2-Methoxyphenyl)piperazin-1-yl]propylsulfonyl-2,3-dihydro-1*H*-indole;
3-(1,2,3,4-Tetrahydroisoquinolin-2-yl)-*N*-methyl-*N*-phenyl-propylsulfonamide;

Via Telefax No. 703/872-9306

49. (Withdrawn) The Compound of Claim 4 selected from the group consisting of:

N-[3-[4-(3-Chlorophenyl)piperazin-1-yl]propyl]-*N*-(4-methoxyphenyl)-propanesulfonamide;

N-[3-(1,2,3,4-Tetrahydroisoquinolin-2-yl)propyl]-*N*-(4-methoxyphenyl)-propanesulfonamide;

N-[3-[4-(3-Chlorophenyl)piperazin-1-yl]propyl]-*N*-(4-methoxyphenyl)-propanesulfonamide;

N-[3-[4-(2-Methoxyphenyl)piperazin-1-yl]propyl]-*N*-(4-methoxyphenyl)-propanesulfonamide;

N-[3-[4-(2-Chlorophenyl)piperazin-1-yl]propyl]-*N*-(4-methoxyphenyl)-propanesulfonamide.